

Fig.1

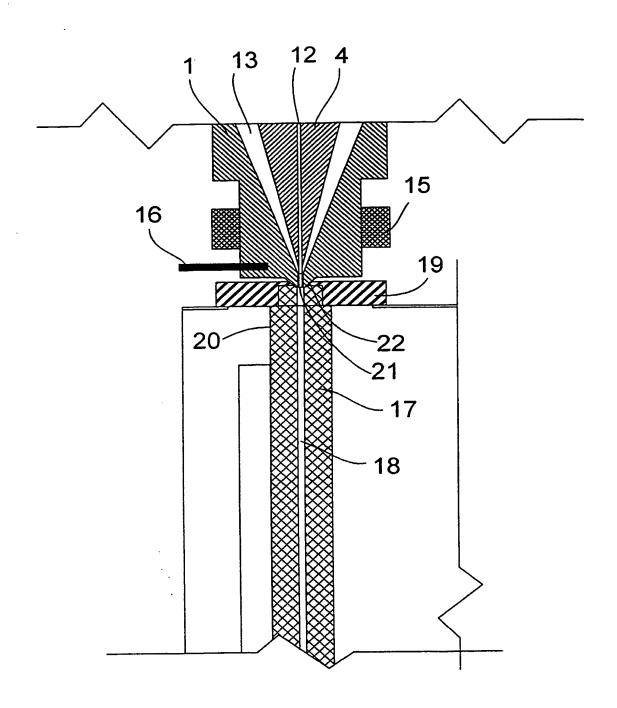


Fig.2 - 2/11

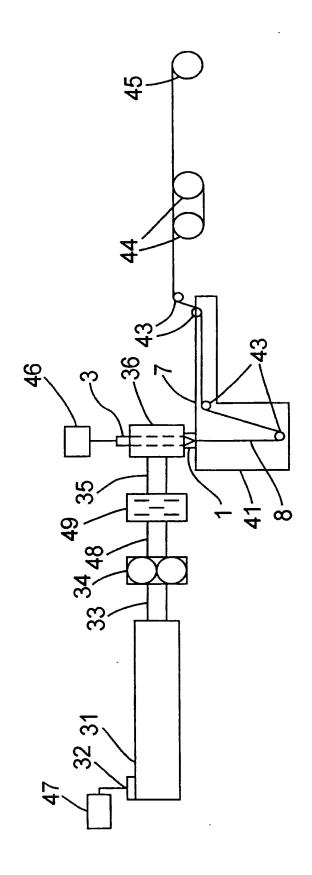


Fig.

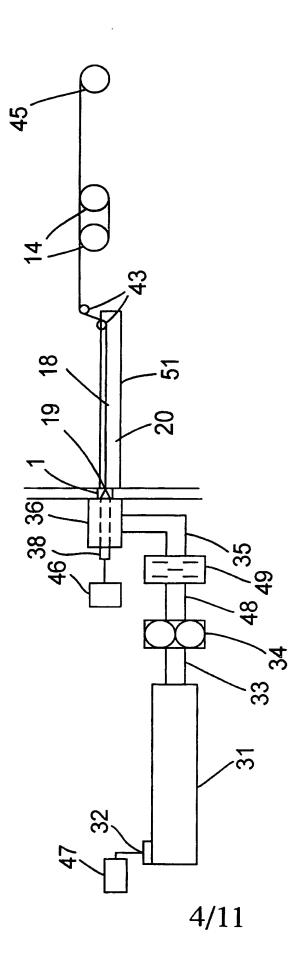
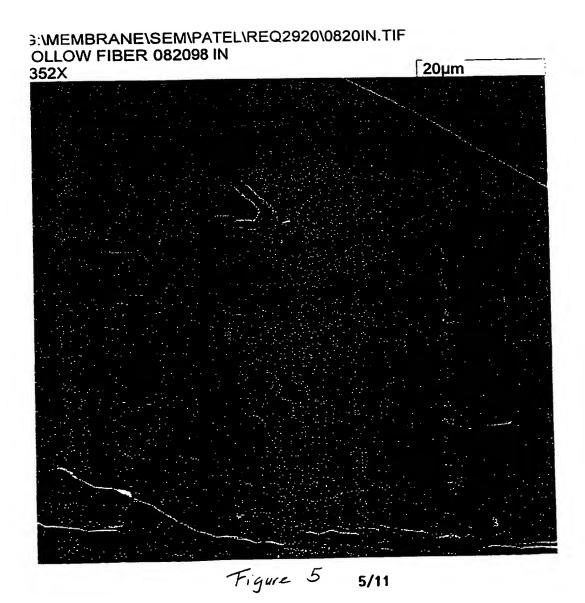


Fig.4



3:\MEMBRANE\SEM\PATEL\REQ2920\0820OUT.TIF

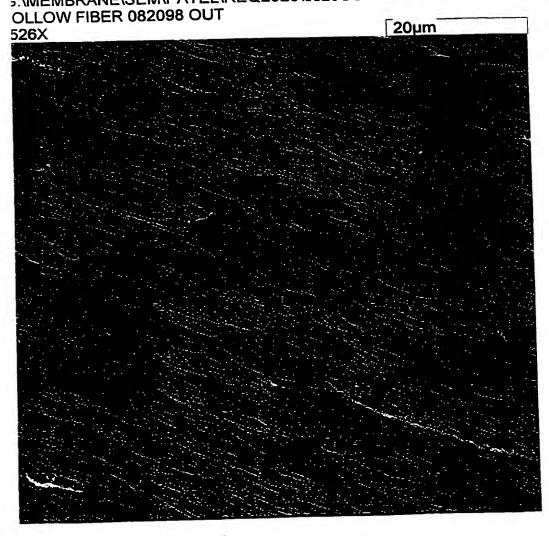


Figure 6 6/11

Mass Transfer Coefficent Correlation Sh vs Pe 10.000 Theory(Leveque's Solution) Literature(Celgard degasser) MFA Hollow Fiber 082798-1, Gasifying w Air 1.000 @ 0 psi MFA Hollow Fiber 082798-1, N=500 @60 Power (Theory(Leveque's Solution)) 0.100 0.100 1.000 10.000 100.000 1000.000 Pe or $Gr = vd^2/D_{ab}L$

Fig. 7

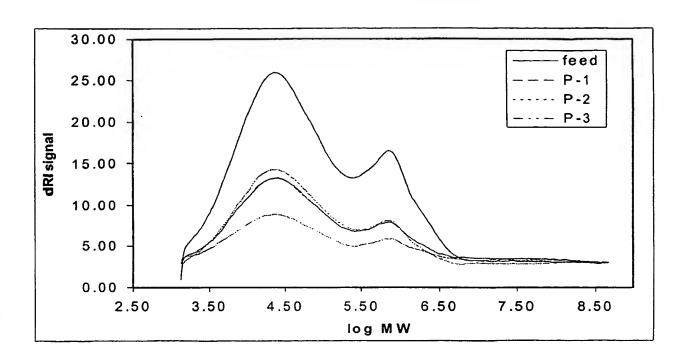
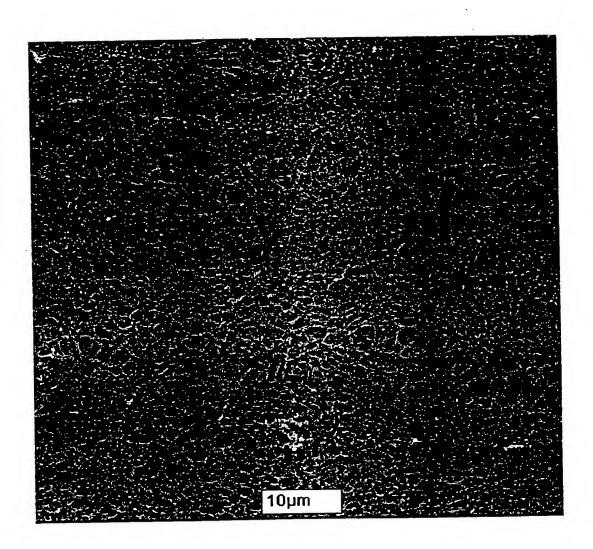


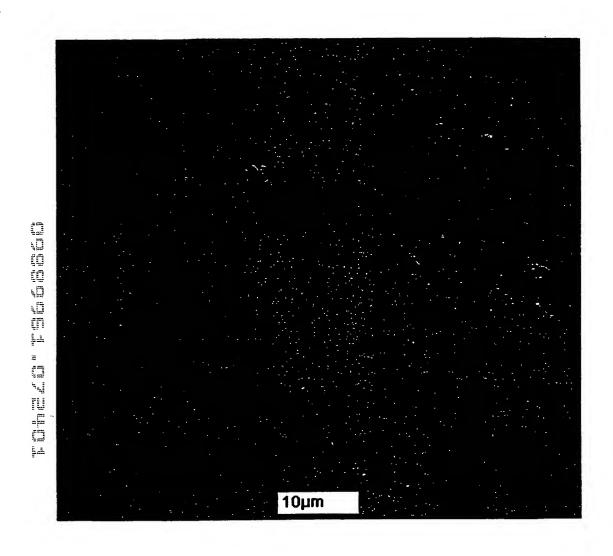
Figure 8.

8/11

Figure 9.



Figur 10.





10µm

Fig. 11. Cross-Section of Fiber Near Outside Surface